

PRODUCTION OF PEARL LIKE GLOSS AGENT

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Abstract

The title process involves prepn. of a pearly gloss agent dispersion contg. 1-35% surfactant and 0.1-35% solid fatty acid glycol ester XO ($\text{CH}_2\text{CH}_2\text{O}$)_nCOR (X = H, C14-24 acyl; R = C13-23 alkyl; n = 1-3), followed by holding the dispersion at a temp. below the glycol ester m.p. (T) but above T - 15.degree. at temp. fluctuation .ltoreq. +/- 0.5.degree. for 5-60 min. A uniform aq. soln. contg. ethylene glycol distearate 1, Na .alpha.-olefin sulfonate 10, polyethylene glycol lauryl ether sulfate Na salt 6, and coco fatty acid diethanolamide 4% was prepd. by heating the ingredients at 80-85.degree.; then the soln. was cooled to 50-70.degree., treated with 1% NaOBz nucleating agent, and held at 60 +/- 0.5.degree. for 5 min to give a product showing better pearly gloss than a control prepd. similarly but without the heat treatment. The product may be used in shampoos and detergents.